

FIG. 1

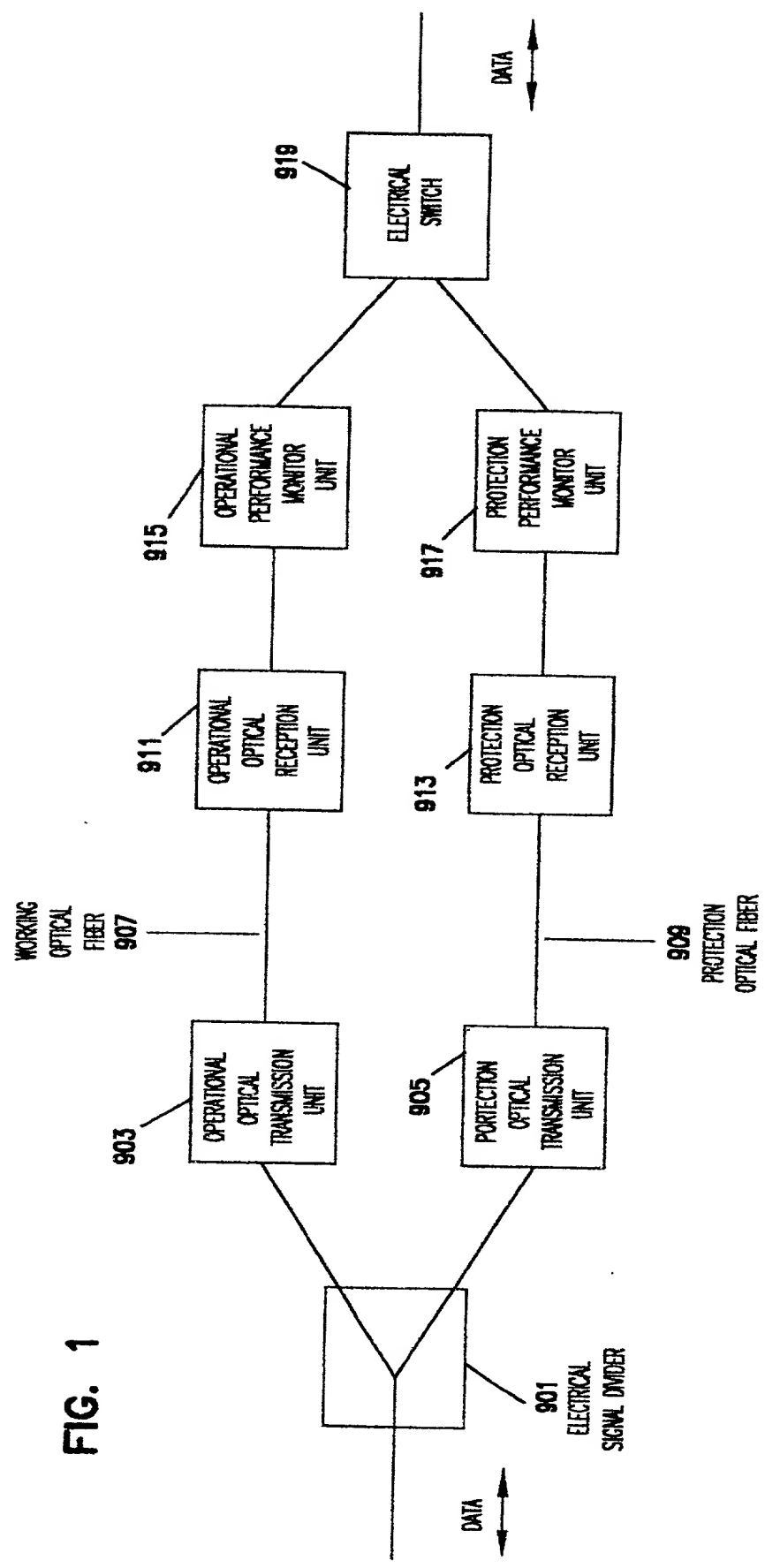


FIG. 2

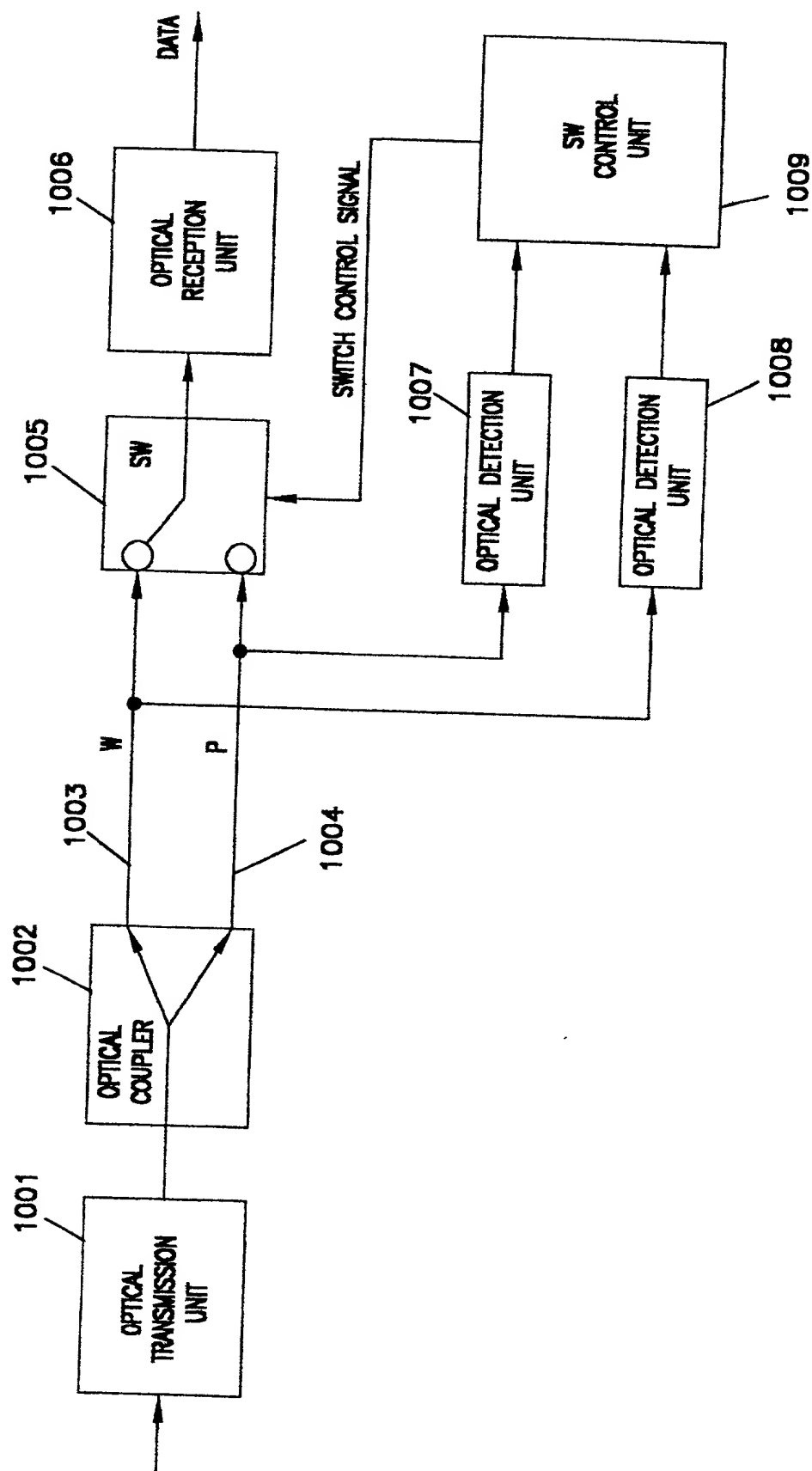


FIG. 3

MONITORING UNIT	OPTICAL DETECTION UNIT 1007, 1008	PERFORMANCE MONITORING UNIT 915, 917
MONITORING ASPECT	OPTICAL STRENGTH	OPTICAL SIGNAL QUALITY/PERFORMANCE
MONITORED INFORMATION	REDUCED OPTICAL SIGNAL STRENGTH	NO OPTICAL SIGNAL OUT OF FRAME AIS SIGNAL REDUCED SIGNAL STRENGTH

FIG. 4

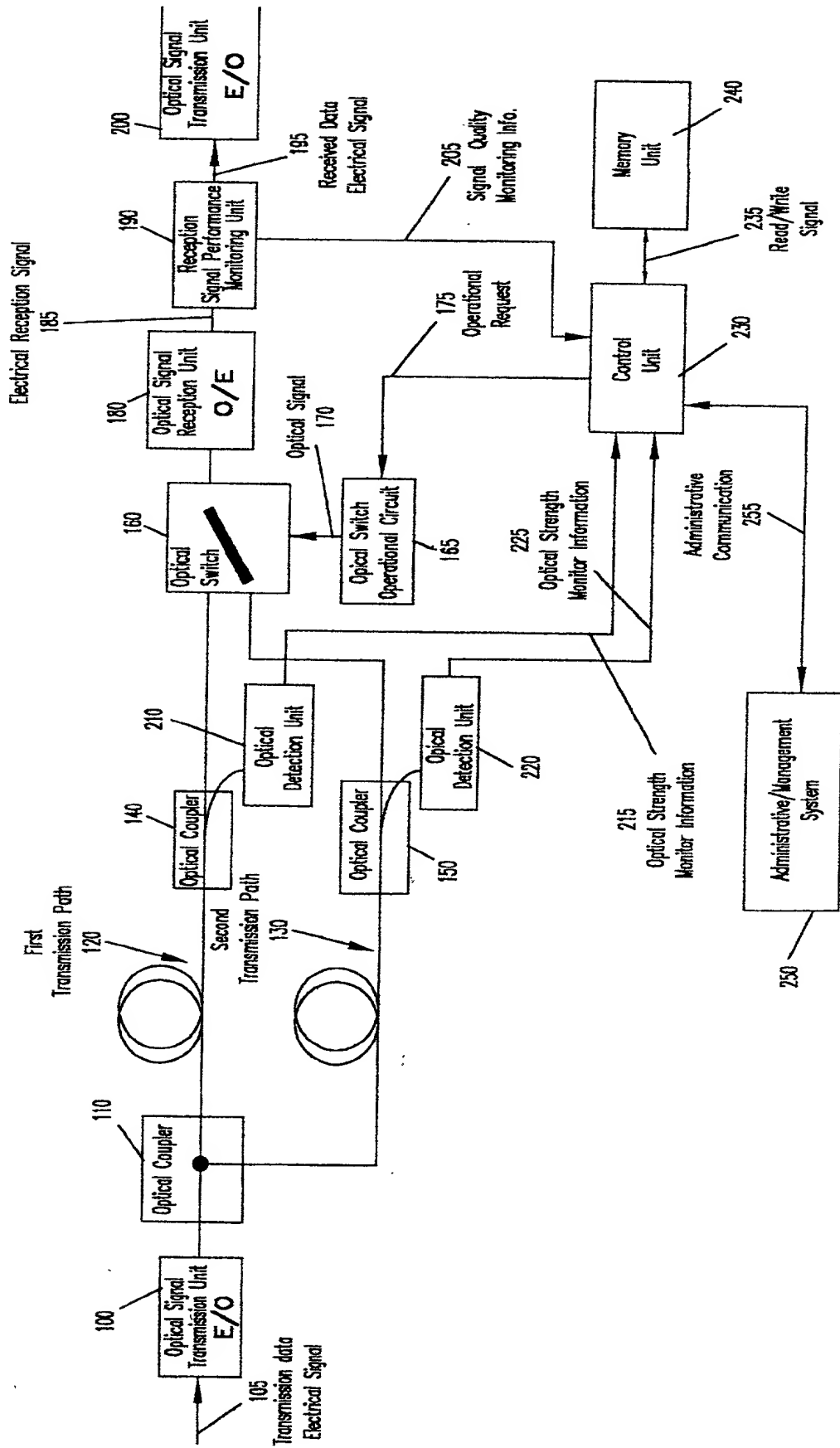
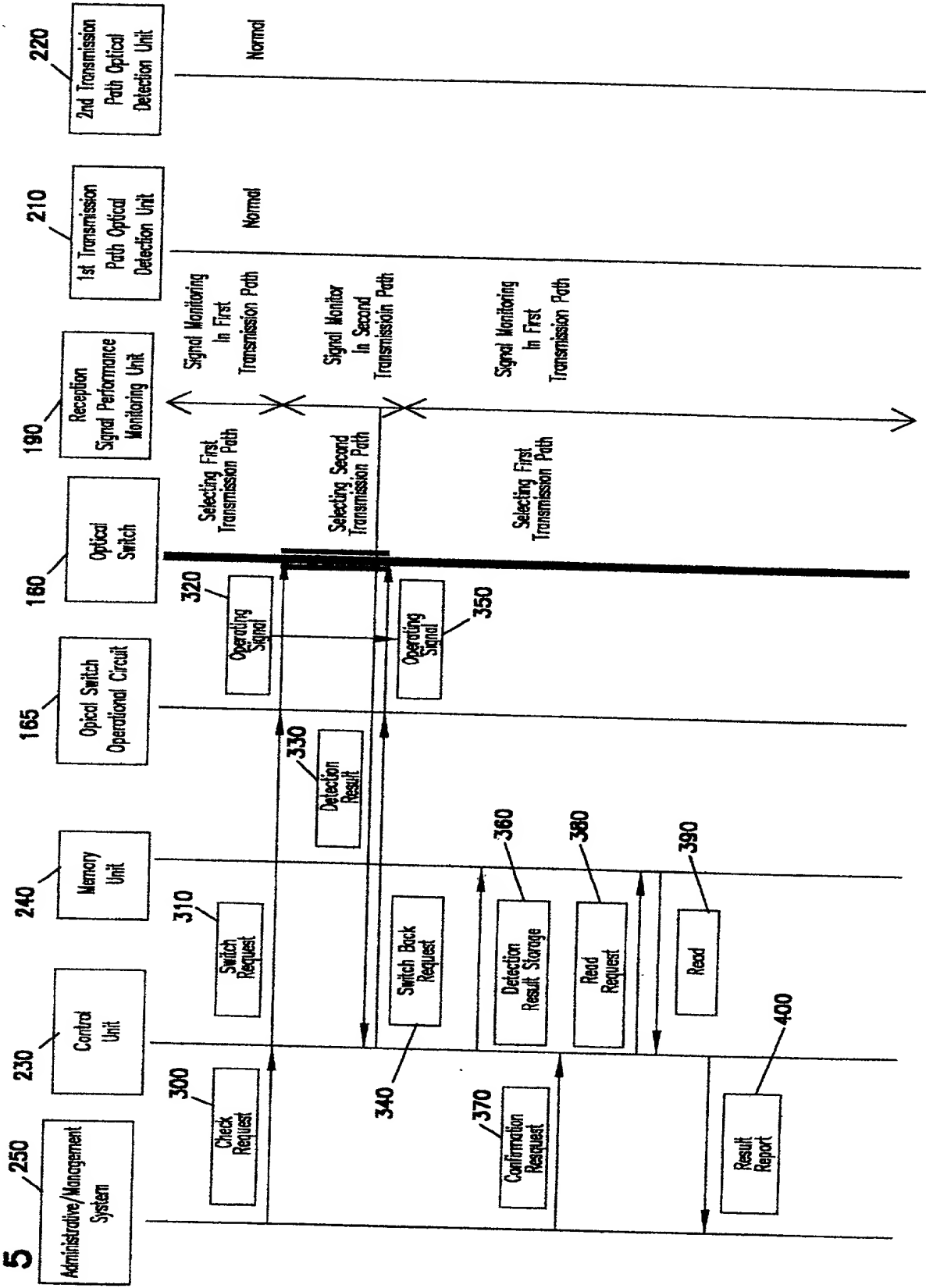


FIG. 5



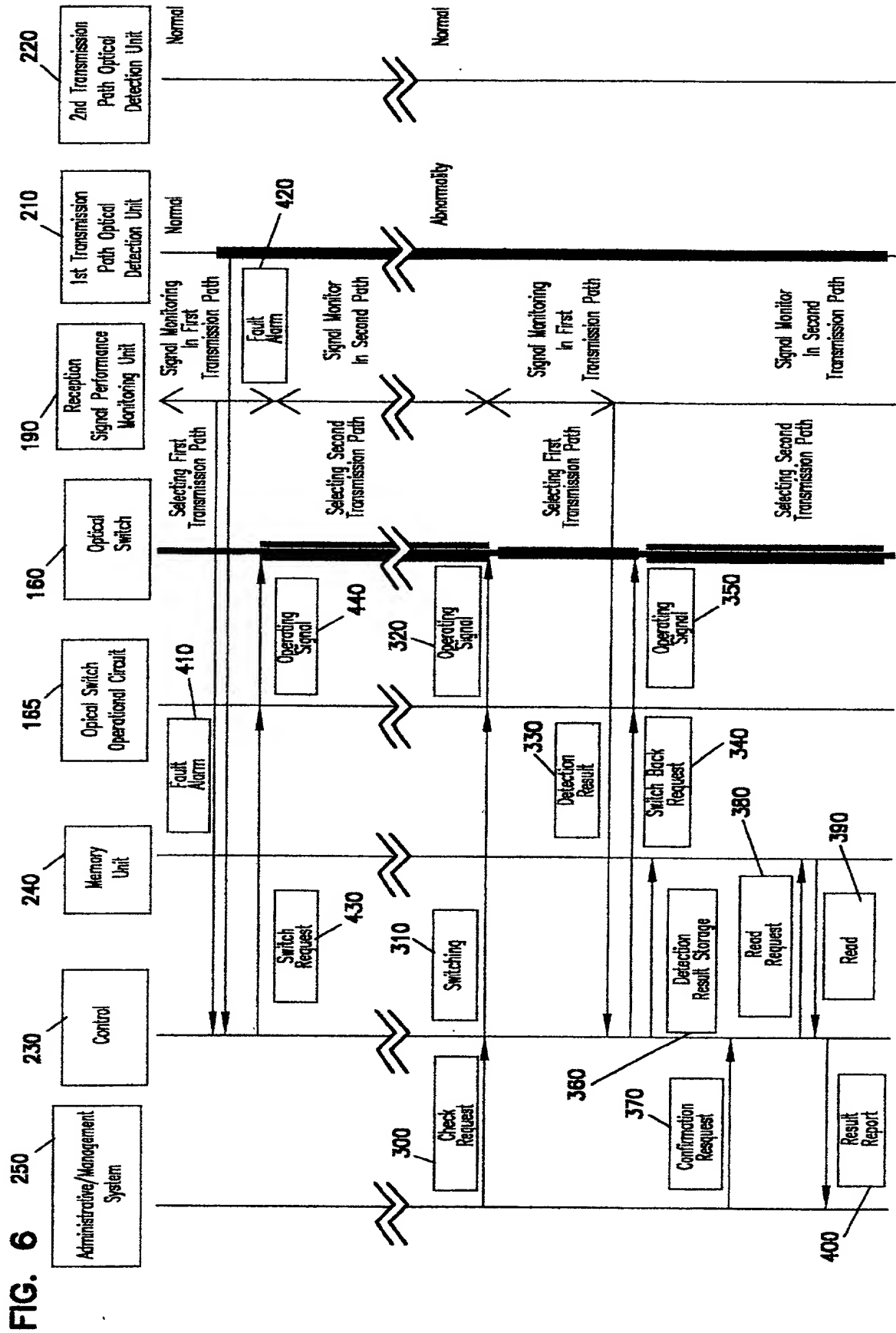


FIG. 7

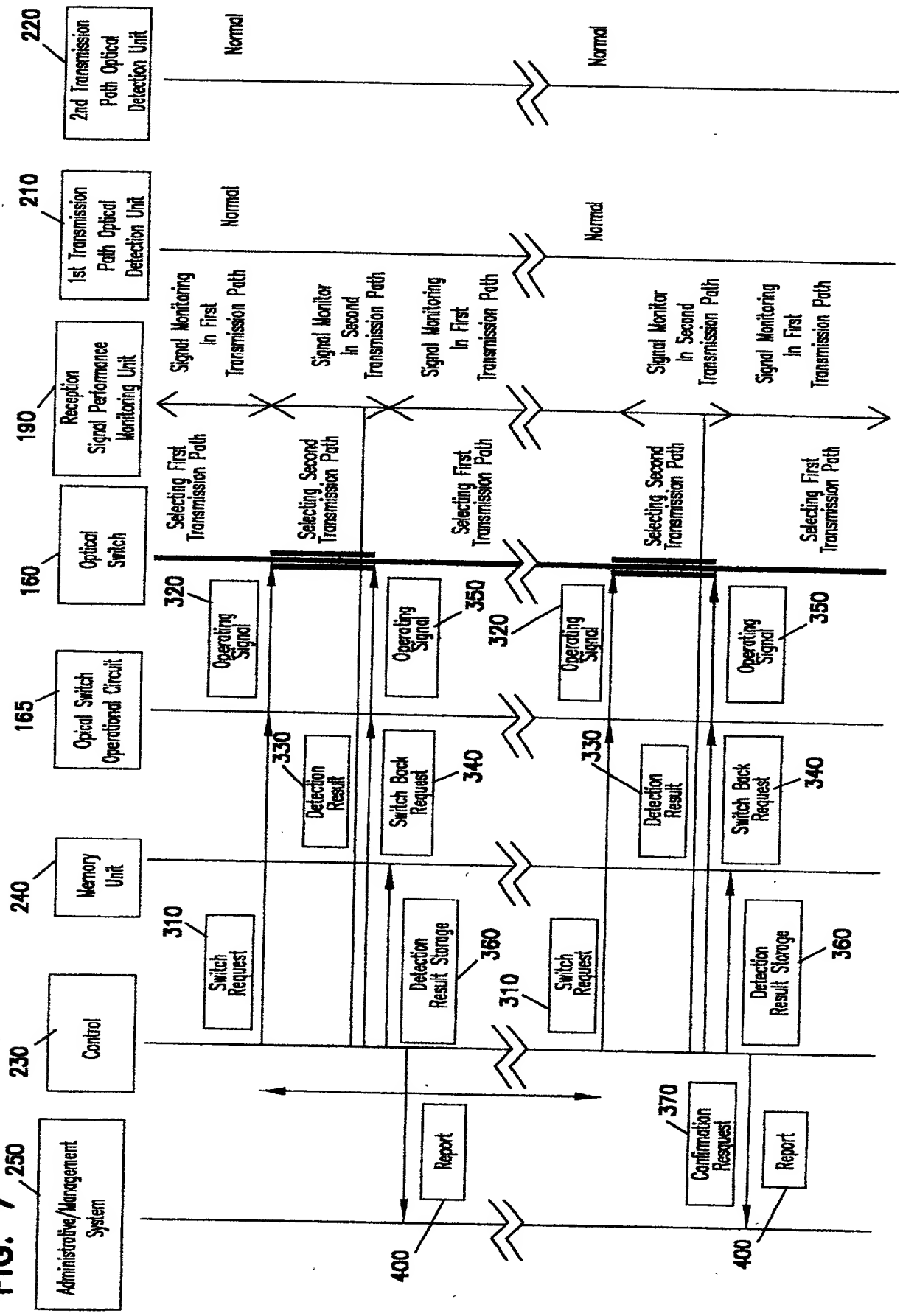


FIG. 8

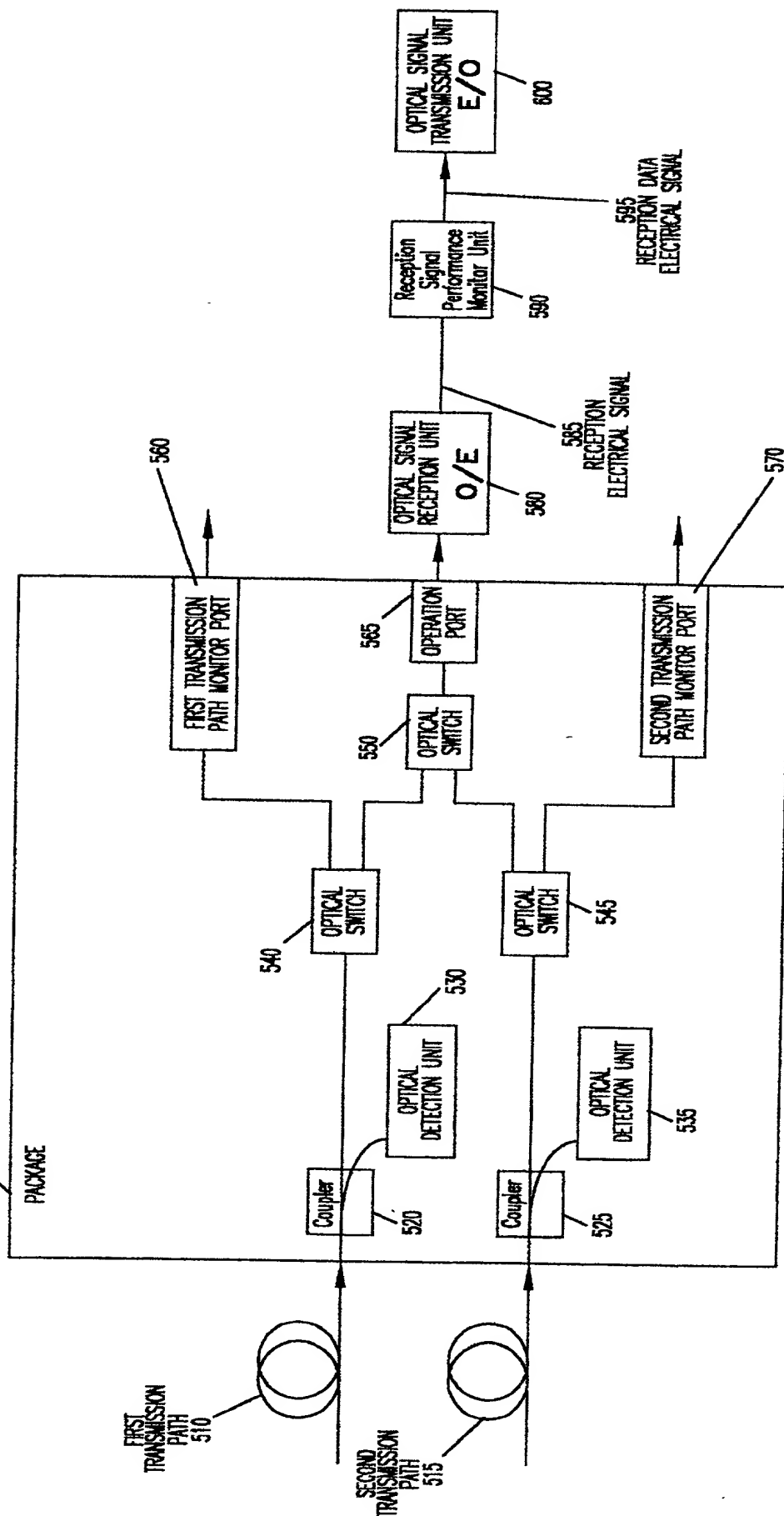


FIG. 9

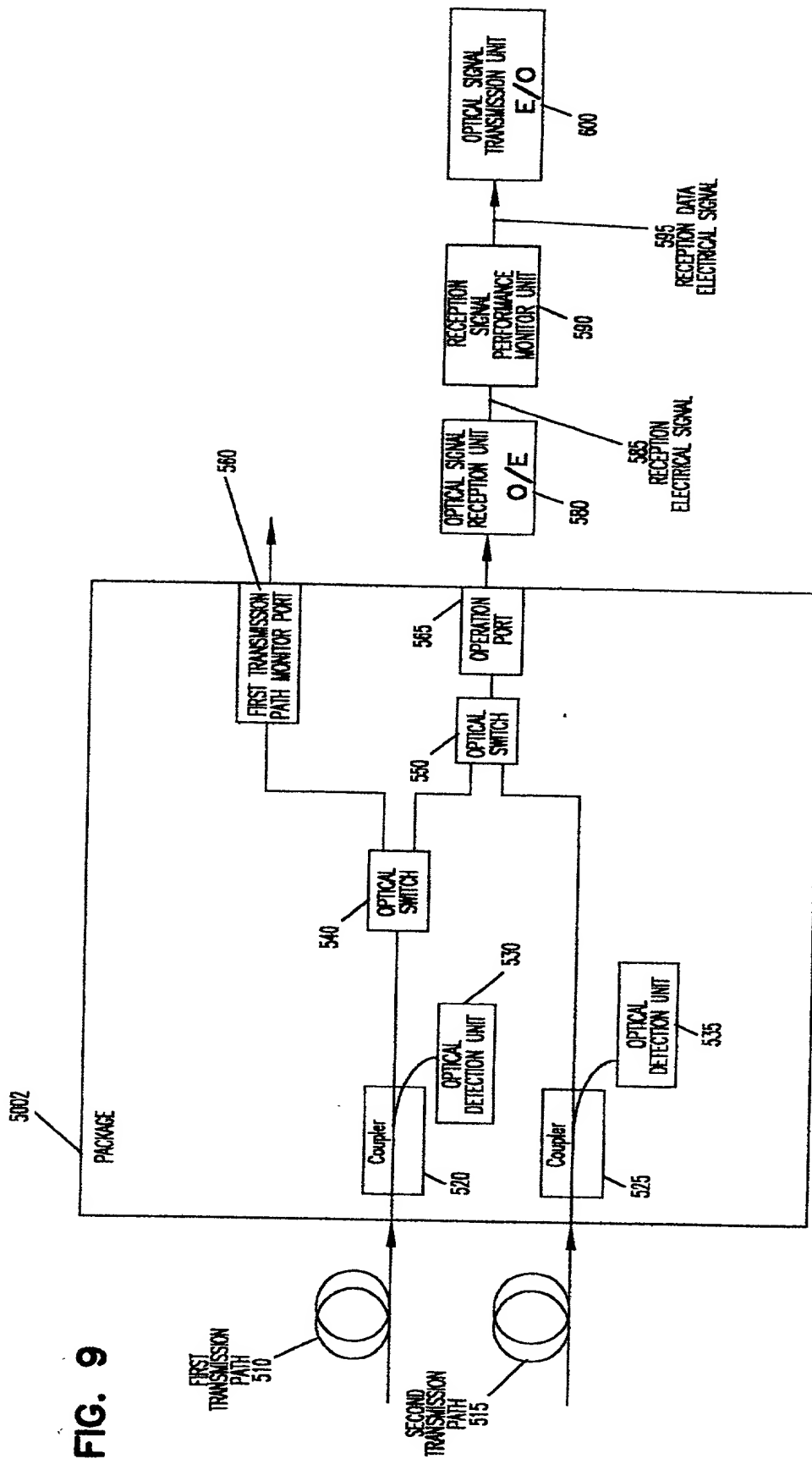


FIG. 10

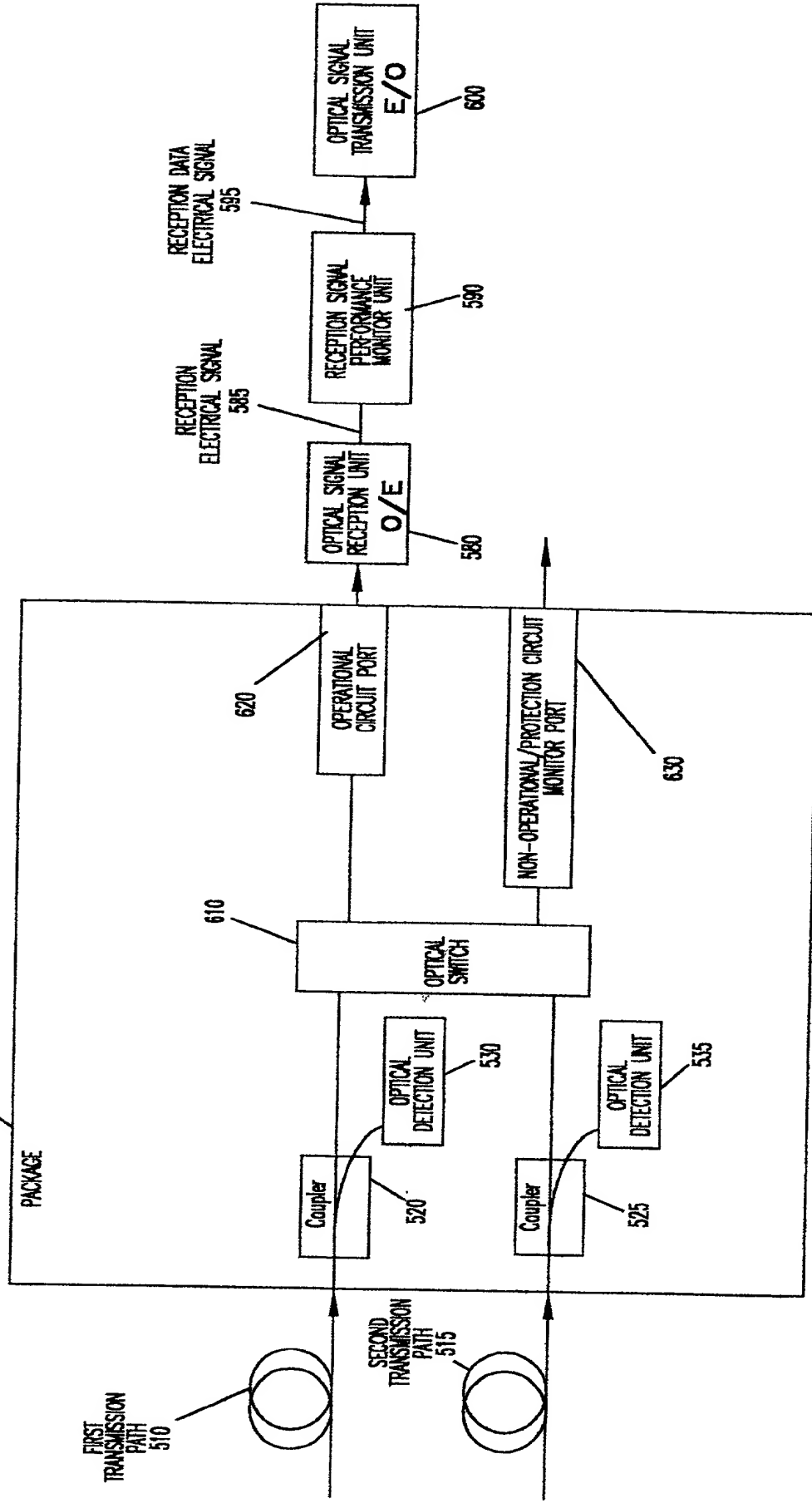


FIG. 11

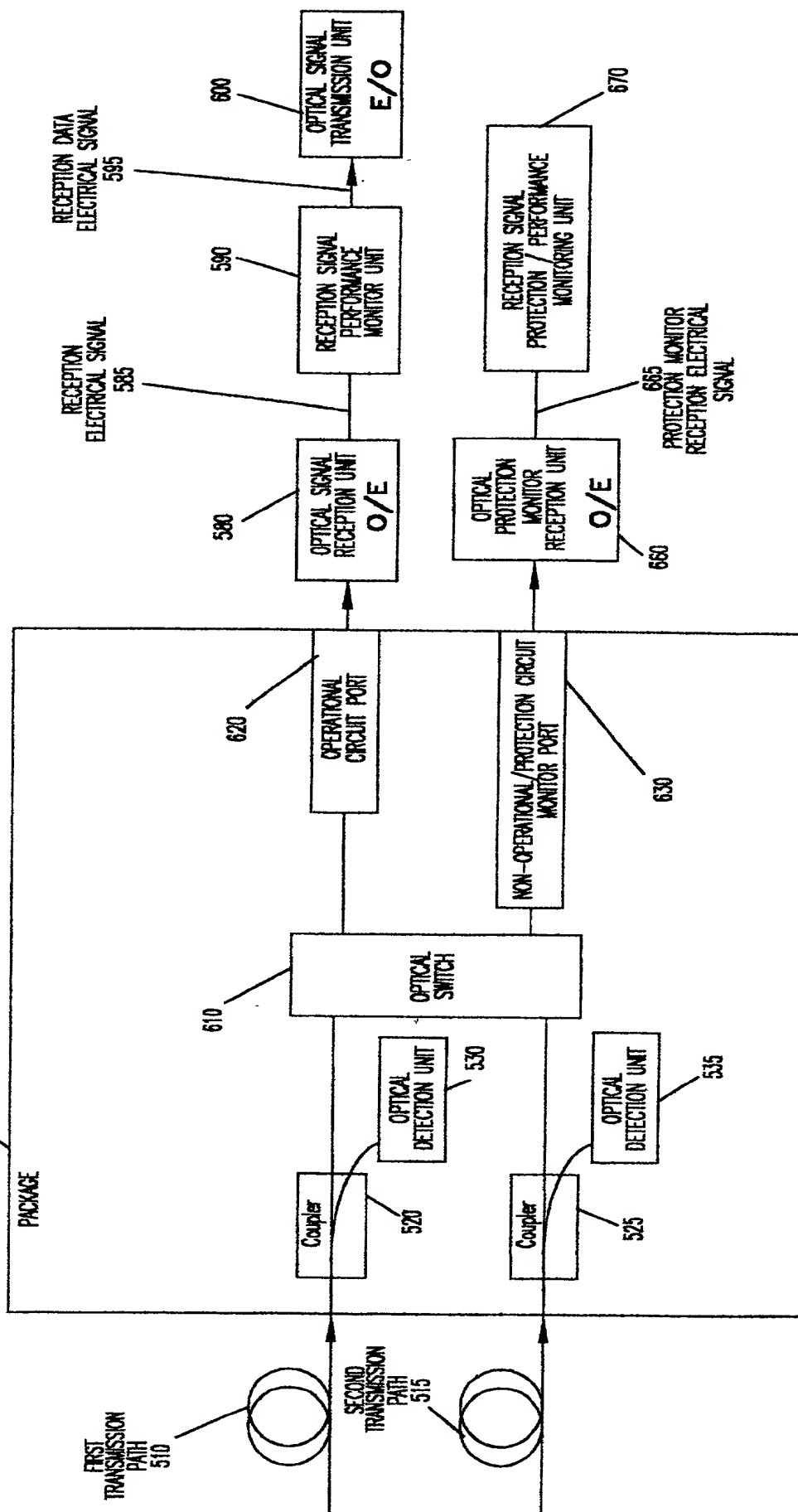


FIG. 12

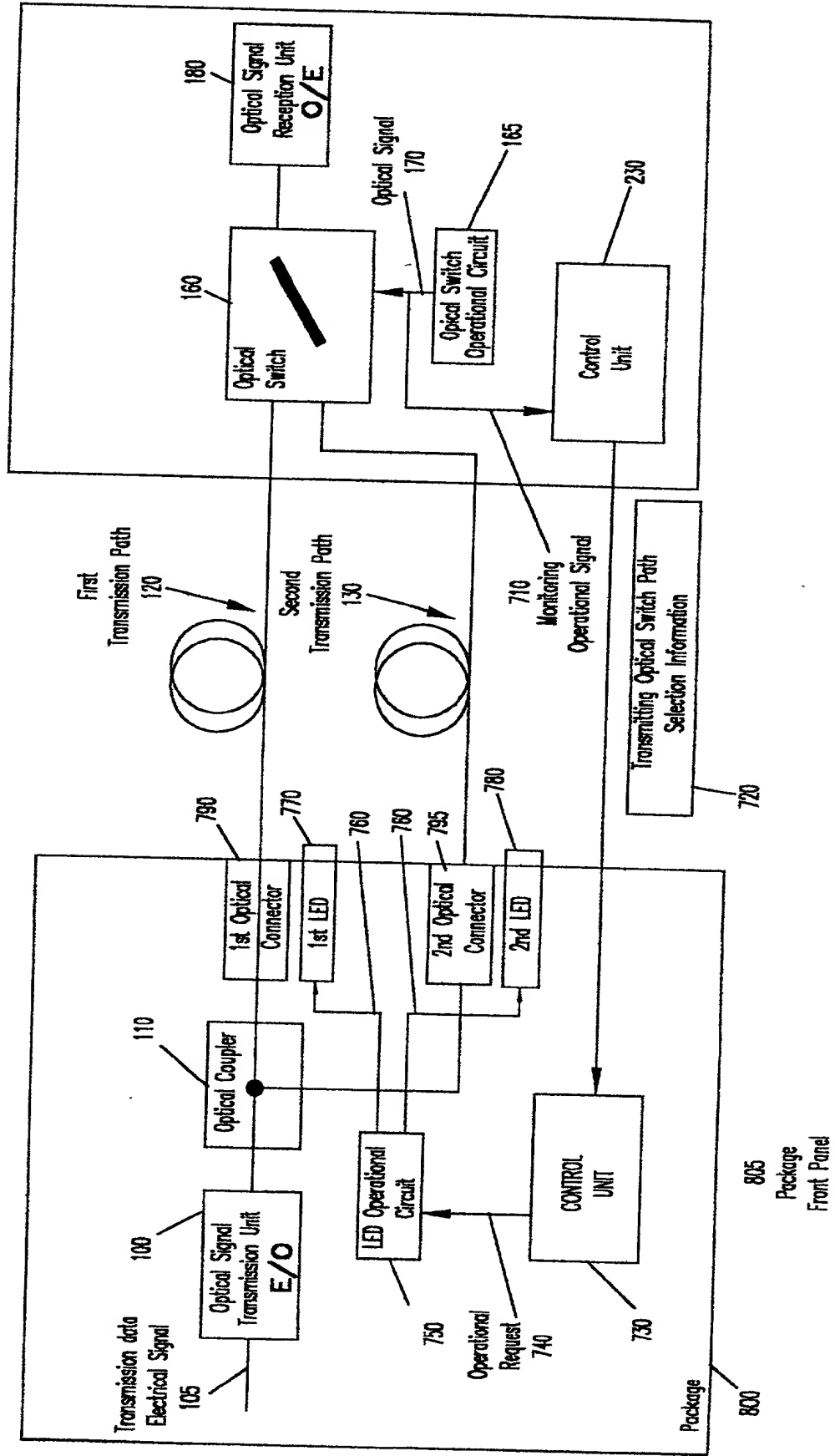
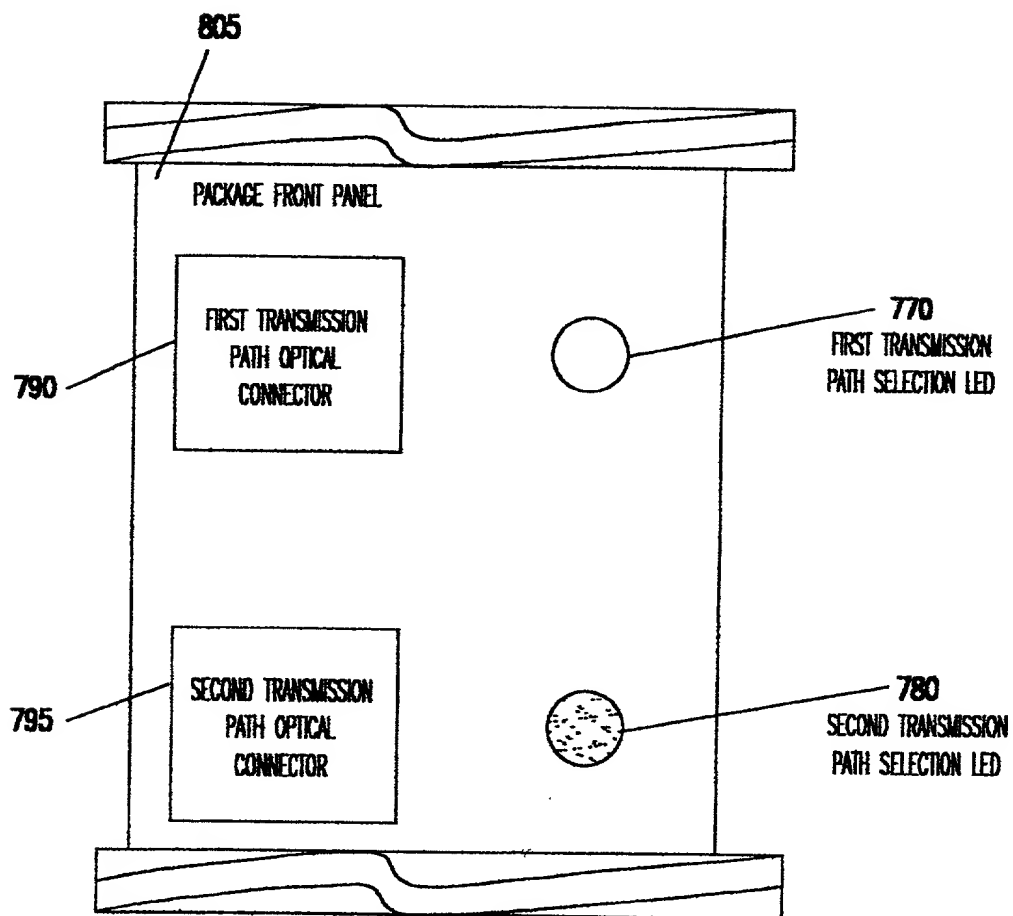


FIG. 13



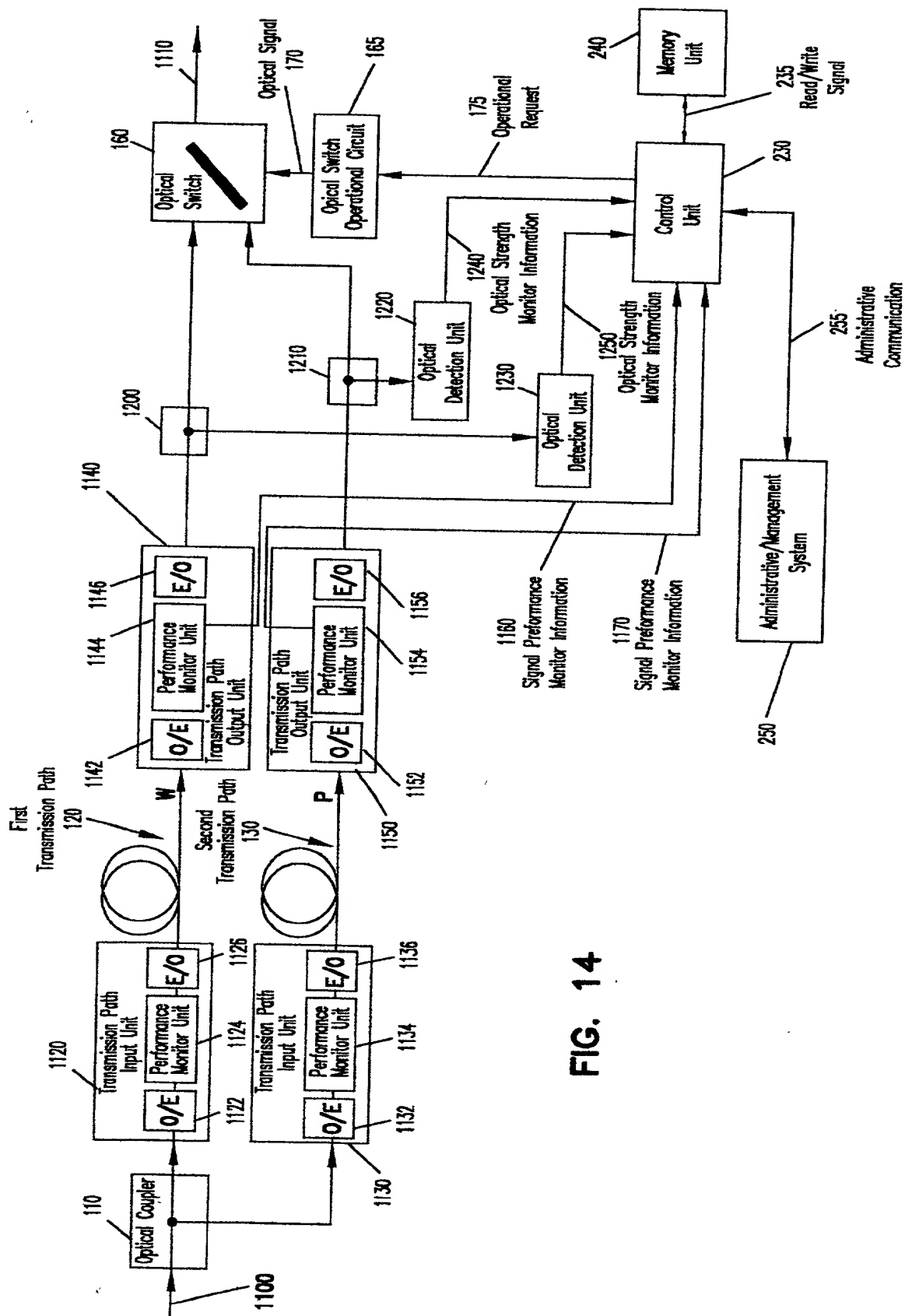


FIG. 14

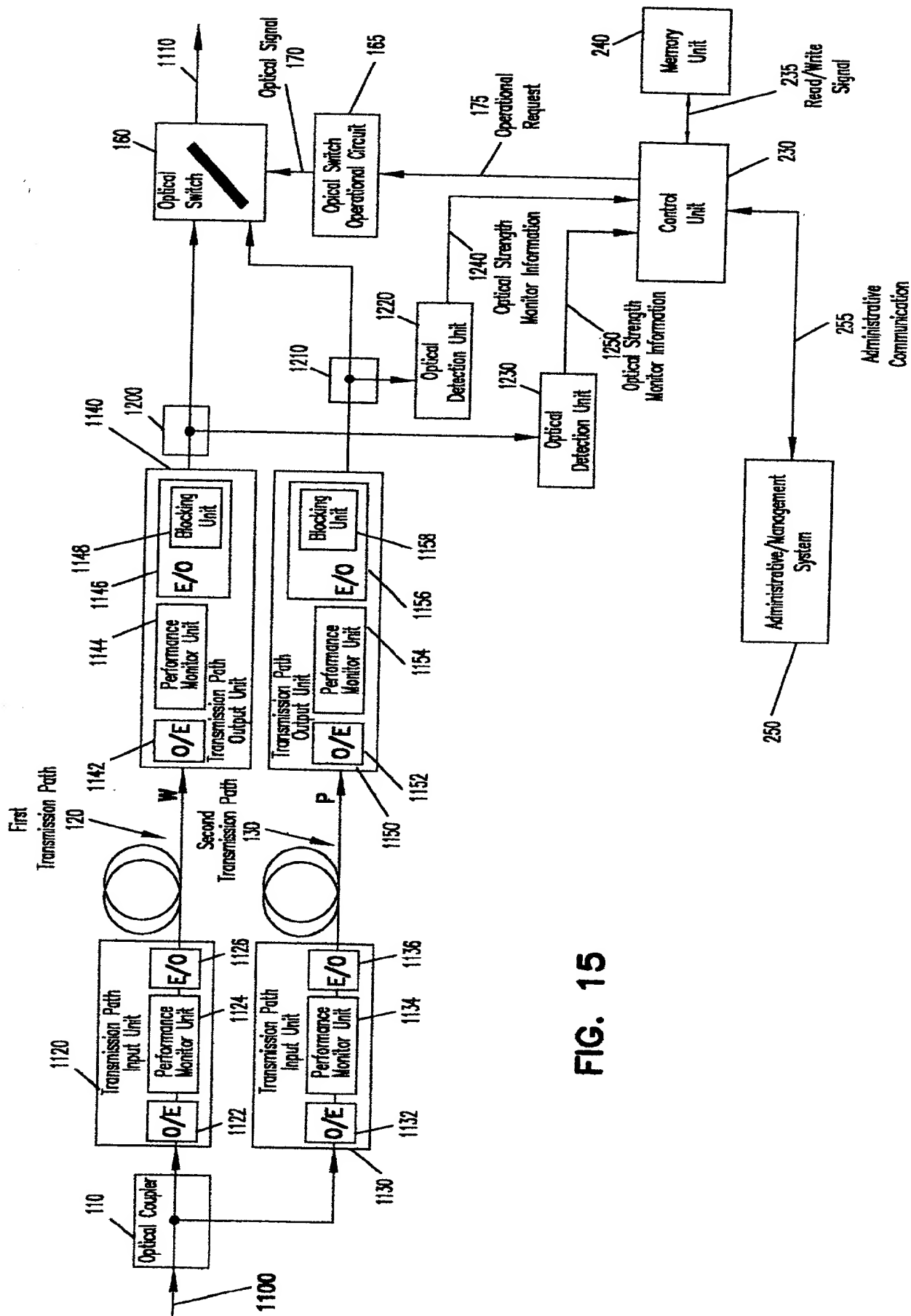


FIG. 15

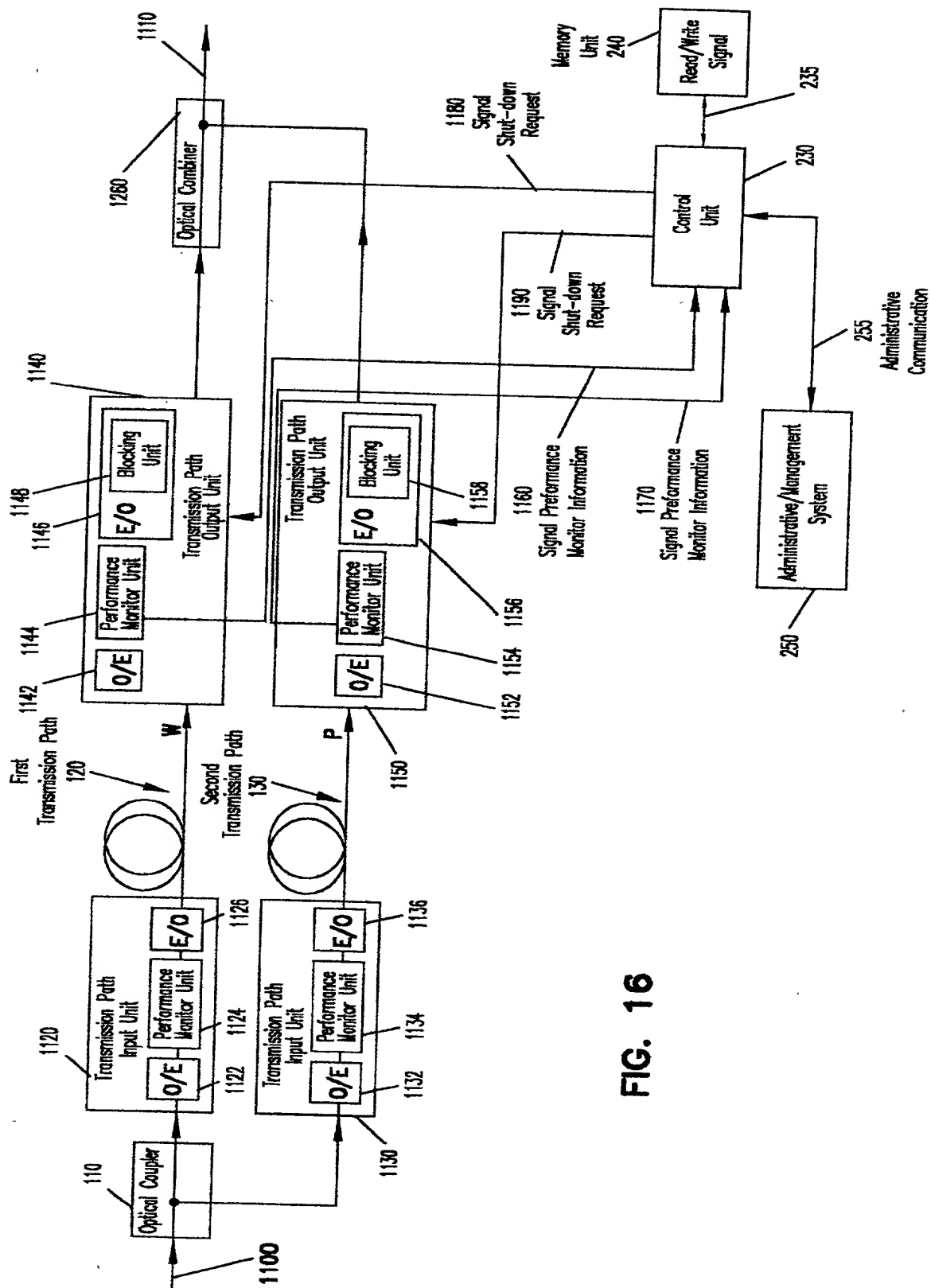


FIG. 16